

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	8271	camptothecin	US-PGPUB; USPAT	ADJ	ON	2009/03/02 16:17
S2	0	camptothecin same (cationic polymer)	US-PGPUB; USPAT	ADJ	ON	2009/03/02 16:18
S3	455	camptothecin same (polyallylamine or (polyethylene amine) or polyamine)	US-PGPUB; USPAT	ADJ	ON	2009/03/02 16:19
S4	2	S3 and (camptothecin same (phosphatidylcholine or diacylphosphatidylcholine or di \$7oylphosphatidylcholine))	US-PGPUB; USPAT	ADJ	ON	2009/03/02 16:21
S5	276	S3 and (colloid or nanoparticle or nanoaggregate or colloidal)	US-PGPUB; USPAT	ADJ	ON	2009/03/02 16:26
S6	26	S5 and (phosphatidylcholine or diacylphosphatidylcholine or di \$7oylphosphatidylcholine)	US-PGPUB; USPAT	ADJ	ON	2009/03/02 16:27
S7	164	S3 and (phospholipid or sphingolipid or phosphatidylcholine or diacylphosphatidylcholine or di \$7oylphosphatidylcholine or cholesterol or lysolipid or lysophospholipid or (pegylated lipid))	US-PGPUB; USPAT	ADJ	ON	2009/03/02 16:33
S8	0	S2 and (colloid or nanoparticle or nanoaggregate or colloidal)	US-PGPUB; USPAT	ADJ	ON	2009/03/02 17:00
S9	0	S5 and @pn<"2004"	US-PGPUB; USPAT	ADJ	ON	2009/03/02 17:01
S10	0	S1 and @pn<"2004"	US-PGPUB; USPAT	ADJ	ON	2009/03/02 17:01
S11	0	S1 and @pn<'2004'	US-PGPUB; USPAT	ADJ	ON	2009/03/02 17:01
S12	8271	S1 and pn<'2004'	US-PGPUB; USPAT	ADJ	ON	2009/03/02 17:02
S13	2106	S1 and @py<'2004'	US-PGPUB; USPAT	ADJ	ON	2009/03/02 17:03
S14	22	S5 and @py<'2004'	US-PGPUB; USPAT	ADJ	ON	2009/03/02 17:03
S15	43	S3 and @py<'2004'	US-PGPUB; USPAT	ADJ	ON	2009/03/02 17:03
S16	0	"743120".an.	US-PGPUB; USPAT	ADJ	ON	2009/03/03 10:22
S17	3	"743120".ap.	US-PGPUB; USPAT	ADJ	ON	2009/03/03 10:22
S18	1	"6531512".pn.	US-PGPUB; USPAT	ADJ	ON	2009/03/05 14:03
S19	1	"6531512".pn. and camptothecin	US-PGPUB; USPAT	ADJ	ON	2009/03/05 14:03

S20	1	S19 and polyamine	US-PGPUB; USPAT	ADJ	ON	2009/03/05 14:03
S21	1	S18 or "6531512".pn.	US-PGPUB; USPAT	ADJ	ON	2009/03/05 14:10
S22	1	S18 or S21	US-PGPUB; USPAT	ADJ	ON	2009/03/05 14:10
S23	1282	camptothecin same apoptosis	US-PGPUB; USPAT	ADJ	ON	2009/03/05 14:25
S24	0	camptothecin.clm. near4 apoptosis	US-PGPUB; USPAT	ADJ	ON	2009/03/05 14:26
S25	70	(camptothecin same4 apoptosis).clm. and (camptothecin or apoptosis)	US-PGPUB; USPAT	ADJ	ON	2009/03/05 14:26
S26	5	S25 and polyamine	US-PGPUB; USPAT	ADJ	ON	2009/03/05 14:26
S27	22	S25 and liposome	US-PGPUB; USPAT	ADJ	ON	2009/03/05 15:48
S28	7398	liposome and polyamine	US-PGPUB; USPAT	ADJ	ON	2009/03/05 15:51
S29	327	phospholipid same lysolipid	US-PGPUB; USPAT	ADJ	ON	2009/03/05 15:53
S30	487	camptothecin same (basic or alkaline or carboxylate)	US-PGPUB; USPAT	ADJ	ON	2009/04/22 14:23
S31	6	camptothecin same (basic or alkaline or carboxylate) same (polyamine or (cationic polymer) or (cationic amphiphile) or quaternary)	US-PGPUB; USPAT	ADJ	ON	2009/04/22 14:24
S32	12	((HEINRICH) near2 (HAAS)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/04/22 14:25
S33	4	((BRITA) near2 (SCHULZE)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/04/22 14:25
S34	11	((UWE) near2 (MICHAELIS)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/04/22 14:26
S35	6	((MICHAEL) near2 (TELFEL)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/04/22 14:26
S36	4	((BIRGITTA) near2 (SAUER)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/04/22 14:26
S37	5	((THOMAS) near2 (FICHERT)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/04/22 14:26
S38	23	S32 or S33 or S34 or S35 or S36 or S37	US-PGPUB; USPAT	ADJ	ON	2009/04/22 14:26
S39	8	S38 and camptothecin	US-PGPUB; USPAT	ADJ	ON	2009/04/22 14:26
S40	1	"5608066".pn. and camptothecin	US-PGPUB; USPAT	ADJ	ON	2009/04/22 14:36
S41	4941	DOTAP	US-PGPUB; USPAT	ADJ	ON	2009/04/22 14:46
S42	28517	(DOTAP or dodap or dotma or ctap or tmag or dosper or dotim or dptim or dori or dorie)	US-PGPUB; USPAT	ADJ	ON	2009/04/22 14:47
S43	11	(DOTAP or dodap or dotma or ctap or tmag or dosper or dotim or dptim or dori or dorie) same camptothecin	US-PGPUB; USPAT	ADJ	ON	2009/04/22 14:48

S44	27	((DOTAP or dodap or dotma or ctab or tmag or dosper or dotim or dptim or dori or dorie) same3 camptothecin	US-PGPUB; USPAT	ADJ	ON	2009/04/22 14:48
S45	27	((DOTAP or dodap or dotma or ctab or tmag or dosper or dotim or dptim or dori or dorie) same3 camptothecin) and camptothecin	US-PGPUB; USPAT	ADJ	ON	2009/04/22 14:55
S46	76	camptothecin with (NaOH or (sodium hydroxide))	US-PGPUB; USPAT	ADJ	ON	2009/04/22 15:12
S47	1	"5552156".pn. and camptothecin	US-PGPUB; USPAT	ADJ	ON	2009/04/22 15:20
S48	0	"5552156".pn. and cationic	US-PGPUB; USPAT	ADJ	ON	2009/04/22 15:22
S49	8537	camptothecin and py<"1985"	US-PGPUB; USPAT	ADJ	ON	2009/04/22 15:53
S50	6	camptothecin and @py<"1985"	US-PGPUB; USPAT	ADJ	ON	2009/04/22 15:54
S51	218	camptothecin and @py<"1999"	US-PGPUB; USPAT	ADJ	ON	2009/04/22 15:54
S52	13	camptothecin and @py<"1990"	US-PGPUB; USPAT	ADJ	ON	2009/04/22 15:54
S53	597	camptothecin same lactam	US-PGPUB; USPAT	ADJ	ON	2009/04/22 17:10
S54	263	camptothecin with (carboxylate or carboxylic)	US-PGPUB; USPAT	ADJ	ON	2009/05/05 11:58
S55	5	camptothecin with (carboxylate or carboxylic) same2 ((organic near4 (cation or cationic) or quaternary near4 (amine or ammonium)))	US-PGPUB; USPAT	ADJ	ON	2009/05/05 12:06
S56	5046	DOTMA	US-PGPUB; USPAT	ADJ	ON	2009/05/05 15:39
S57	7031	DOTMA or DOTAP	US-PGPUB; USPAT	ADJ	ON	2009/05/05 15:45
S58	1059	DOTMA same DOPC	US-PGPUB; USPAT	ADJ	ON	2009/05/05 15:57
S59	117	DOTMA with DOPC	US-PGPUB; USPAT	ADJ	ON	2009/05/05 16:00
S60	9	DOTMA same DOPC same (carboxylate or carboxylic or ((anion or anionic) near10 (active or agent or drug)))	US-PGPUB; USPAT	ADJ	ON	2009/05/06 16:32
S61	1	"5334761".pn. and (DOTMA or carboxylic or carboxylate or delivery)	US-PGPUB; USPAT	ADJ	ON	2009/05/06 16:36
S62	1	"7122202".pn. and DOTMA	US-PGPUB; USPAT	ADJ	ON	2009/05/06 17:01
S63	1	"7122202".pn. and DOTMA and camptothecin	US-PGPUB; USPAT	ADJ	ON	2009/05/06 17:01
S64	1	"5851548".pn. and ((cationic lipid) or DOTMA or (carboxylic or carboxylate))	US-PGPUB; USPAT	ADJ	ON	2009/05/06 17:03
S65	1	"5851548".pn. and ((cationic lipid) or DOTMA or (carboxylic or carboxylate)) and (DOPC or DMPC or DPPC or phosphatidylcholine or diacylphosphatidylcholine)	US-PGPUB; USPAT	ADJ	ON	2009/05/06 17:04

S66	0	"4,897,355.[n."	US-PGPUB; USPAT	ADJ	ON	2009/05/06 17:05
S67	0	"4,897,355.pn."	US-PGPUB; USPAT	ADJ	ON	2009/05/06 17:05
S68	0	"4897355.pn."	US-PGPUB; USPAT	ADJ	ON	2009/05/06 17:05
S69	1	("4897355").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/06 17:05
S70	1	"4897355".pn. and (cell near8 surface)	US-PGPUB; USPAT	ADJ	ON	2009/05/06 17:06
S71	1	"4897355".pn. and ((cell near8 surface) or DOTMA or (phosphatidylcholine or diacylphosphatidylcholine or DPPC or DMPC or DOPC))	US-PGPUB; USPAT	ADJ	ON	2009/05/06 17:07
S72	124	polyelectrolyte same (cell near8 surface)	US-PGPUB; USPAT	ADJ	ON	2009/05/07 07:23
S73	761	(polyelectrolyte or ((carboxymethyl near2 cellulose) or (carboxymethyl cellulose)) or pectin or carrageenan or alginate ) same (cell near8 surface)	US-PGPUB; USPAT	ADJ	ON	2009/05/07 07:33
S74	929	(polyelectrolyte or ((carboxymethyl near2 cellulose) or (carboxymethyl cellulose)) or pectin or carrageenan or alginate ) same ((cell near8 surface) or (cell near8 adhesion))	US-PGPUB; USPAT	ADJ	ON	2009/05/07 07:36
S75	206	(polyelectrolyte or ((carboxymethyl near2 cellulose) or (carboxymethyl cellulose)) or pectin or carrageenan or alginate ) same ((cell near8 surface) or (cell near8 adhesion)) and @py<"2002"	US-PGPUB; USPAT	ADJ	ON	2009/05/07 07:38
S76	26	(polyelectrolyte or ((carboxymethyl near2 cellulose) or (carboxymethyl cellulose)) or pectin or carrageenan or alginate ) same ((cell near8 surface) or (cell near8 adhesion)) same (drug or (active agent) or active or pharmaceutically) and @py<"2002"	US-PGPUB; USPAT	ADJ	ON	2009/05/07 07:39
S77	31	(polyelectrolyte or polycation or ((carboxymethyl near2 cellulose) or (carboxymethyl cellulose)) or pectin or carrageenan or alginate ) same ((cell near8 surface) or (cell near8 adhesion)) same (drug or (active agent) or active or pharmaceutically) and @py<"2002"	US-PGPUB; USPAT	ADJ	ON	2009/05/07 07:59
S78	1	"6500446".pn. and (cationic polymer)	US-PGPUB; USPAT	ADJ	ON	2009/05/07 08:01
S79	99	(polyelectrolyte or ((carboxymethyl near2 cellulose) or (carboxymethyl cellulose)) or pectin or carrageenan) same ((cell near8 surface) or (cell near8 adhesion)) and @py<"2002"	US-PGPUB; USPAT	ADJ	ON	2009/05/07 08:13
S80	14869	poly near3   near3 lysine	US-PGPUB; USPAT	ADJ	ON	2009/05/07 08:14

S81	66	(poly near3 l near3 lysine).ab.	US-PGPUB; USPAT	ADJ	ON	2009/05/07 08:14
S82	488	(poly near3 l near3 lysine) same ((drug delivery) or (cell targeting) or (cell surface))	US-PGPUB; USPAT	ADJ	ON	2009/05/07 08:15
S83	124	(poly near3 l near3 lysine) with ((drug delivery) or (cell targeting) or (cell surface))	US-PGPUB; USPAT	ADJ	ON	2009/05/07 08:15
S84	217	(cationic polymer) same (drug delivery or (controlled release))	US-PGPUB; USPAT	ADJ	ON	2009/05/07 08:36
S85	1401	((cationic polymer) or chitosan) same (drug delivery or (controlled release))	US-PGPUB; USPAT	ADJ	ON	2009/05/07 08:39
S86	0	(chitosan near10 liposome) same (cell targeting)	US-PGPUB; USPAT	ADJ	ON	2009/05/07 08:42
S87	143	(chitosan near10 liposome)	US-PGPUB; USPAT	ADJ	ON	2009/05/07 08:42
S88	1	"4617186".pn. and ((cationic near4 polymer) or (drug near delivery))	US-PGPUB; USPAT	ADJ	ON	2009/05/07 08:48
S89	5208	(polyquat or polyquaternium)	US-PGPUB; USPAT	ADJ	ON	2009/05/07 08:48
S90	0	(polyquat or polyquaternium) with (cell near4 targeting)	US-PGPUB; USPAT	ADJ	ON	2009/05/07 08:48
S91	0	(polyquat or polyquaternium) same (cell near4 targeting)	US-PGPUB; USPAT	ADJ	ON	2009/05/07 08:48
S92	32	(polyquat or polyquaternium) same (liposome or (drug delivery))	US-PGPUB; USPAT	ADJ	ON	2009/05/07 08:49
S93	21974	antineoplastic	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/08 10:56
S94	749	antineoplastic same liposome	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/08 10:56
S95	1	antineoplastic same liposome same (polyamine or chitosan or putrescine or cadaverine or spermidine or spermine)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/08 10:57
S96	268	antineoplastic same (polyamine or chitosan or putrescine or cadaverine or spermidine or spermine)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/08 10:59
S97	19	antineoplastic same (polyamine or chitosan or putrescine or cadaverine or spermidine or spermine) same (drug delivery)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/08 11:00
S98	26	antineoplastic same (polyamine or (cationic polymer) or chitosan or putrescine or cadaverine or spermidine or spermine) same (drug delivery)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/08 11:07
S99	31	(antineoplastic or camptothecin or Cyclophosphamide or Carboplatin or Dactinomycin or Irinotecan) same (polyamine or (cationic polymer) or chitosan or putrescine or cadaverine or spermidine or spermine) same (drug delivery)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/08 11:11

S100	32	(antineoplastic or camptothecin or Cyclophosphamide or Carboplatin or Dactinomycin or Irinotecan) same (polyamine or (cationic polymer) or chitosan or polylysine or poly-L-lysine or polyarginine or putrescine or cadaverine or spermidine or spermine) same (drug delivery)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/08 11:13
S101	1	"5654484".pn. and polyamine and antineoplastic	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/08 11:18
S102	2	"5654484".pn. and polyamine and (antineoplastic or neoplastic)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/08 11:20
S103	2	"6740335".pn.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/09/29 11:30
S104	58	wall.inv. and monroe.inv.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/09/29 12:12
S105	1393	nucleolus	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/09/29 12:58
S106	14	nucleolus same (dotma or dotap or (cationic lipid))	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/09/29 12:58
S107	2	"6897200".pn.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/09/29 13:03
S108	2	"6852334".pn.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/09/29 13:40
S109	2	"5834012".pn.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/10/28 14:14
S110	2	"5834012".pn. and (carboxylate or lactone or dotap or dotma or cationic or carboxylic)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/10/28 14:15
S111	91738	polyamine	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/11/02 14:17
S112	2092	polyamine same (cancer or neoplastic or anti-neoplastic or chemotherapeutic)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/11/02 14:18
S113	396	polyamine same (cancer or neoplastic or anti-neoplastic or chemotherapeutic) and @py<"2002"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/11/02 14:18
S114	201	polyamine with (cancer or neoplastic or anti-neoplastic or chemotherapeutic) and @py<"2002"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/11/02 14:18
S115	193	polyamine near15 (cancer or neoplastic or anti-neoplastic or chemotherapeutic) and @py<"2002"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/11/02 14:18

S116	2	"5109024".pn.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/11/02 14:20
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